

Clean Copy of Amended Claims

4 (three times amended). An isolated DNA encoding a human estrogen receptor protein having an N-terminal domain, a DNA-binding domain and a ligand-binding domain, wherein said protein comprises an amino acid sequence selected from the group consisting of the amino acid sequence set forth in SEQ ID NO:5, the amino acid sequence set forth in SEQ ID NO:6, the amino acid sequence set forth in SEQ ID NO:21 and the amino acid sequence set forth in SEQ ID NO:25.

5 (three times amended). An isolated DNA encoding a human estrogen receptor protein having an N-terminal domain, a DNA-binding domain and a ligand-binding domain, wherein said DNA comprises a nucleic acid sequence selected from the group consisting of the nucleotide sequence set forth in SEQ ID NO:1, the nucleotide sequence set forth in SEQ ID NO:2, the nucleotide sequence set forth in SEQ ID NO:20 and the nucleotide sequence set forth in SEQ ID NO:24.

6 (twice amended). A recombinant expression vector comprising the DNA according to claim 4.

7 (twice amended). A cell transfected with the DNA according to claim 4.

Clean Copy of Newly Added Claims

27 (new). The cell according to claim 7, which is a stable transfected cell line that expresses the human estrogen receptor protein.

28 (new). A cell transfected with the expression vector according to claim 6.

29 (new). The cell according to claim 28, which is a stable transfected cell line that expresses the human estrogen receptor protein.

30 (new). A recombinant expression vector comprising the DNA according to claim 5.

31 (new). A cell transfected with the DNA according to claim 5.

32 (new). The cell according to claim 31, which is a stable transfected cell line that expresses the human estrogen receptor protein.

33 (new). A cell transfected with the expression vector according to claim 30.

34 (new). The cell according to claim 33, which is a stable transfected cell line that expresses the human estrogen receptor protein.